

<110> Olga Bandman

<120> GENES DIFFERENTIALLY EXPRESSED IN VASCULAR TISSUE ACTIVATION

<130> PA-0028 US

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<212> DNA

<213> Homo sapiens

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<222> 1014, 1054, 1119

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

<213> Homo sapiens

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<211> 4355

<212> DNA

<213> Homo sapiens

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PA-0028 US

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<223> Incyte ID No: 999585.16

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PA-0028 US

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PA-0028 US

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 <223> a, t, c, g, or other

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PA-0028 US

<213> Homo sapiens

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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agcctcagga	gtcctgacca	gccccctccg	tgtccacagt	tcatggccca	ggggaagaca	1080

34

PA-0028 US

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<211> 973
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 1909433CB1

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	gtgcctttgc	attgggtttg	ctttggctac	acagcactgg	ttgtttctgg	tgggatcggt	240
	ggctatgtaa	aaacaggcag	cgtgccgtcc	ctggctgcag	ggctgctctt	cggcagctca	300
	gccggcctgg	gtgcttacca	gctgtatcag	gatccaagga	acgtttgggg	tttcctagcc	360
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<210> 41
<211> 752
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 1095728.19

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	attccttctt	cagtcaccag	tgcttgattc	taactttctt	catccggtat	tattttctgt	180
	ctgttaacag	gacttggtgg	cacaaaatac	atctcctttg	aggaacggca	gtggcataac	240
	gactgcttta	actgtaagaa	gtgctccctc	tcactgggtg	ggcgtggctt	cctcacagag	300
	agggacgaca	tctgtgccc	cgactgtggg	aaagacatct	gaattcaaca	cagagaagtt	360
	gctgcttgtg	atctcacaca	cagattttta	tgttttcttt	ctcaccagg	caatcttgcc	420
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<210> 42
<211> 2291

PA-0028 US

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 008542.10

<220>

<221> unsure

<222> 2048-2112, 2176, 2269, 2282

<223> a, t, c, g, or other

<400> 42

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gtttttgtag gctcttaaga gtgtatcatt aagcttttagc gtaacagatt cttttcaatc 240
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gggaccattt tagatacaaa gcagaattgc ggaattgcca gattataact tgaggtttgt 360
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gcccattcacc ttctgtgtct gaatgacttt gtagaagccc agatgactta ctatgcacag 600
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aaaatacaag gtactgtatt tgggagtcac gtaactccag ttttgggant gagagcgggt 2280
cnggggaaga a 2291

<210> 43

<211> 1538

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1990126CB1

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gcaccttctt cagtcgcgcc gtgcagttca cagaagaaaa gcttggccag gctgagaaga 180

PA-0028 US

cagaattgga	tgctcactta	gagaacctcc	ttagcaaagc	tgaatgtacc	aaaatatgga	240
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aagaatttgt	ttatgagaaa	ctggatagaa	aagctccaag	tcgtataaac	aaccagaac	360
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<210> 44
 <211> 1529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 198725.2

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	gcggagccc	gagcggggcc	gagccaggaa	cccagggtcc	gagcctcaac	ttcaggatgt	240
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	gtttccggcc	ggagagagcc	ttgtggcagg	cagacaccca	ggtcacctcc	ggagtgggtca	720
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	tgatataata	gggtagaaa	aagtaaacag	aagaagtgg	ggaaatgtaa	aatccaagtc	1440
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<210> 45
 <211> 3053
 <212> DNA
 <213> Homo sapiens

PA-0028 US

<220>

<221> misc_feature

<223> Incyte ID No: 1359783CB1

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<210> 46

<211> 1692

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 198266.64

PA-0028 US

<220>

<221> unsure

<222> 1682

<223> a, t, c, g, or other

<400> 46

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<223> Incyte ID No: 1098479.1

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PA-0028 US

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 <223> a, t, c, g, or other

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PA-0028 US

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<211> 1859

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PA-0028 US

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<211> 1540

<212> DNA

<213> Homo sapiens

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<211> 1086

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PA-0028 US

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<210> 52

<211> 2218

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 1372419CB1

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<211> 1072

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<213> Homo sapiens

<220>

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PA-0028 US

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<221> unsure

<222> 46

<223> a, t, c, g, or other

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<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 138709.5

<400> 54

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PA-0028 US

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<211> 1117

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 282397.110

<400> 55

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<211> 1521

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 1996323CB1

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PA-0028 US

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<210> 57

<211> 1718

<212> DNA

<213> Homo sapiens

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<220>

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<222> 868, 873, 881, 1207

<223> a, t, c, g, or other

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<211> 1002

<212> DNA

<213> Homo sapiens

1044991799

PA-0028 US

<220>

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<223> Incyte ID No: 230345.3

<220>

<221> unsure

<222> 23, 994

<223> a, t, c, g, or other

<400> 58

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<211> 1620

<212> DNA

<213> Homo sapiens

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PA-0028 US

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<211> 2438

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<213> Homo sapiens

<220>

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<223> Incyte ID No: 236624.2

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US
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62

PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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83

PA-0028 US

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PA-0028 US

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PA-0028 US

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<222> 2113, 2138, 2154

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<213> Homo sapiens

<220>
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<223> Incyte ID No: 023064.1

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gccaataaac	gtatctgtgt
acatgtgtgt	gtgggtgggt
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<213> Homo sapiens

<220>
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<223> Incyte ID No: 1290877CB1

PA-0028 US

<220>

<221> unsure

<222> 3157

<223> a, t, c, g, or other

<400> 113

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<211> 872

<212> DNA

<213> Homo sapiens

<220>

PA-0028 US

<221> misc_feature

<223> Incyte ID No: 1796035CB1

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<210> 115

<211> 655

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 5037270CB1

<400> 115

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<211> 907

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 1398670.1

<400> 116

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PA-0028 US

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<210> 117
<211> 2232
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 239652.37

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<213> Homo sapiens

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<223> Incyte ID No: 4906154CB1

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PA-0028 US

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<210> 119

<211> 6176

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 282397.77

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<210> 127

<211> 559

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1102141.1

<400> 127

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ctcagtgctc	tgccgcgtcc	tgctgccagg	atctgagatg	ttgggtgcctg	ggtgatccca	480
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<210> 128

<211> 1249

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 480187.111

<400> 128

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<210> 129

<211> 1237

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 480187.113

<400> 129

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PA-0028 US

<210> 130
<211> 1186
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 480187.136

<220>
<221> unsure
<222> 32
<223> a, t, c, g, or other

<400> 130
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<210> 131
<211> 1690
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 480187.59

<400> 131
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PA-0028 US

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<210> 132

<211> 567

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 480187.85

<400> 132

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<210> 133

<211> 499

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 994483.1

<400> 133

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<210> 134

<211> 474

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1326443.1

<220>

<221> unsure

<222> 292, 313, 324, 356, 379, 423, 430, 441

<223> a, t, c, g, or other

<400> 134

PA-0028 US

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<210> 135

<211> 447

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 1102234.5

<400> 135

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<210> 136

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1384259.1

<400> 136

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<210> 137

<211> 1426

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2678968CB1

<400> 137

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PA-0028 US

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<210> 138

<211> 868

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 480187.82

<220>

<221> unsure

<222> 835, 854

<223> a, t, c, g, or other

<400> 138

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<210> 139

<211> 1244

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 1451415CB1

<220>

<221> unsure

<222> 1190

<223> a, t, c, g, or other

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<212> DNA
<213> Homo sapiens
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PA-0028 US

<220>

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<223> Incyte ID No: 480187.125

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<211> 1241

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 480187.131

<400> 142

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<210> 143

PA-0028 US

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

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<220>

<221> unsure

<222> 54

<223> a, t, c, g, or other

<400> 143

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<210> 144

<211> 1448

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 480187.128

<400> 144

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PA-0028 US

<211> 3685

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 673766CB1

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PA-0028 US

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<210> 146

<211> 2537

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2008161CB1

<400> 146

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<213> Homo sapiens

<220>

PA-0028 US

<221> misc_feature

<223> Incyte ID No: 233427.16

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<213> Homo sapiens

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<223> Incyte ID No: 3331519CB1

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PA-0028 US

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<211> 1705

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 1327007.1

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<221> unsure

<222> 1683

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PA-0028 US

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<211> 1113

<212> DNA

<213> Homo sapiens

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<211> 2089

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PA-0028 US

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<223> Incyte ID No: 1330214.11

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<221> unsure

<222> 1131, 1929

<223> a, t, c, g, or other

<400> 152

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PA-0028 US

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<212> DNA

<213> Homo sapiens

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<220>

<221> unsure

<222> 340, 414

<223> a, t, c, g, or other

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PA-0028 US

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<210> 154
<211> 1672
<212> DNA
<213> Homo sapiens

<220>
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<223> Incyte ID No: 1659219CB1

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<212> DNA
<213> Homo sapiens

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<223> Incyte ID No: 039857CB1

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PA-0028 US

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<211> 1633

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1265962CB1

<400> 156

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<211> 1453

PA-0028 US

<212> DNA

<213> Homo sapiens

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<210> 158

<211> 1818

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 2784232CB1

<400> 158

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PA-0028 US

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<211> 2963

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3029920CB1

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PA-0028 US

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<211> 2481

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 627722CB1

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<211> 1419

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 1302117CB1

PA-0028 US

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<221> unsure

<222> 10, 19, 27, 34, 36, 38, 58, 223, 225, 228, 246, 544-545, 1414-1418

<223> a, t, c, g, or other

<400> 161

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<210> 162

<211> 1578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3109992CB1

<400> 162

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PA-0028 US

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<211> 1505
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<213> Homo sapiens

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<221> unsure
<222> 1166, 1194
<223> a, t, c, g, or other

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<210> 164
<211> 1736
<212> DNA
<213> Homo sapiens

<220>
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<223> Incyte ID No: 3348156CB1

<220>
<221> unsure
<222> 1434, 1438-1439, 1512, 1514, 1521-1522, 1530
<223> a, t, c, g, or other

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<223> a, t, c, g, or other

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PA-0028 US

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<211> 1672

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1073951.3

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<211> 2078

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 482336.31

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<222> 2074

<223> a, t, c, g, or other

<400> 175

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PA-0028 US

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PA-0028 US

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<211> 4446

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 001322.4

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PA-0028 US

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<211> 1060

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 482336.38

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PA-0028 US

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<211> 2391

<212> DNA

<213> Homo sapiens

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PA-0028 US

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PA-0028 US

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<213> Homo sapiens

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<213> Homo sapiens

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PA-0028 US

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PA-0028 US

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<213> Homo sapiens

<220>

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<223> Incyte ID No: 482336.39

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PA-0028 US

<213> Homo sapiens

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<223> a, t, c, g, or other

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<211> 2220

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<213> Homo sapiens

<220>

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<223> Incyte ID No: 1138174.1

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PA-0028 US

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<210> 192

<211> 433

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 001306.1

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<210> 193

<211> 996

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 016760.1

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<210> 194

<211> 598

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 023037.1

<400> 194

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PA-0028 US

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<210> 195

<211> 1364

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 025731.1

<220>

<221> unsure

<222> 1260

<223> a, t, c, g, or other

<400> 195

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<210> 196

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 063539.1

<220>

<221> unsure

<222> 720, 795, 807, 816, 833, 838, 844, 858

<223> a, t, c, g, or other

<400> 196

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PA-0028 US

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<210> 197

<211> 2216

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 083032.1

<400> 197

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cacactatct	atgtaaaata	taatatatgt	ataatgcata	taaattctaa	caagtgtatt	1980
tgtgttatct	ttaaaataga	acaattgtat	cttgaagtgg	taaatgcaga	gaattgggtt	2040
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<210> 198

<211> 741

<212> DNA

<213> Homo sapiens

<220>

PA-0028 US

<221> misc_feature

<223> Incyte ID No: 1383092.1

<400> 198

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cccctccgcc	acaaagctct	gcactaggaa	aacagccagg	gctttttccc	ttctctgagg	240
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aaacttgtag	gaatatgaag	cattccccac	tgccctgggtt	ctattttcct	tcctctgagg	360
actgcgtttt	aacctgaacg	ttttctttgc	ctgtctgttt	atagaaaaca	aagccgattc	420
cctgttgctg	tggtggagac	tgtggagttc	ttagtctctg	cttatcagtt	gggttttcag	480
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taccctgtga	ctgactttct	tgacagatag	tgaggatcac	atccccctgg	gacaggcctt	660
tggggaggct	ccacaaatgt	cttctcagga	ggaagtcttt	tgacctacat	gaagtatata	720
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<210> 199

<211> 979

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1383543.1

<400> 199

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ctaataattga	gctttttctta	atttgtgaaa	taaactcaga	aagttcctct	tggttttaac	180
agtctatttc	tgtttgtaaa	tattagtatt	tctgtggatt	ctgtacttgt	tccttgttat	240
ccttttcattc	tcttaggttc	atttggtctg	atggattcag	gtaccattga	aattctgata	300
gtttcaaaat	cttttatctc	caggtttgat	ctctcttggt	aactctggaa	ctgtattccc	360
aattgtcaat	tggaatcccc	tacgtatggg	acctcagata	tttcaaaca	gatgtgtcca	420
agtctgtatc	acttctggcc	atcatattgt	tcttttattt	ttccaaattt	cacatcacca	480
gtaacaaact	agctgtgatc	atggcagata	gcctggaaat	aaaactcccc	ttttaccctt	540
ttgcacagca	aattgacatc	aaatcctgtt	tctacttttt	tttttttaac	tattgcttcc	600
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<210> 200

<211> 497

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 334025.5

<400> 200

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aggtagtacc	atttatggga	tgctcactat	gccctgtttc	tcttctaaac	aattttacatg	120
taatgtctca	ttcctcacaa	taacccttgt	aaagtgggca	tgattaccat	gatttttata	180
gttgaagaac	ctaagacaca	gagaccaagg	cccagtagct	catagggctg	aggcaggatt	240
tggaatcagg	ccatgtcttc	tccagagccc	acatccatcc	tttctctata	ttgcctccca	300
cagatgtgct	aaaattttatt	taactaatcc	tttatcctct	atttgtgttg	tctcccattt	360
tttattatta	caatattact	gtgggtgaaca	tgcttaaaaa	tacatttcctt	ggatatctga	420
caacgtgttt	ctgaaaaaca	gatttttcata	agtaataata	aaaataataa	ttaaaaagtt	480
ttgggtatggt	aaaaaaa					497

PA-0028 US

<210> 201

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 463861.1

<220>

<221> unsure

<222> 779

<223> a, t, c, g, or other

<400> 201

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tccagaggca	gcggggatgc	gttggtctctg	ggggcaccag	tgtgacagg	cagggcaccg	120
agctgtggcc	gaggggcaga	gtgtcagagg	gcctcctggg	gaatgctgtc	tctggcagag	180
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gagagaagtc	cttgcctccag	gggacagggg	tggtggtttt	ctgagctaaa	caagatgagg	300
cctgggacta	ttcaggctcc	tggcagtggg	ggctgagcct	aaagcagagg	gcactctaag	360
gccagggaga	aagtggcagc	tgctccaggc	aggcacagg	ctggaaccag	agcatccctg	420
accaaaccgc	gggactgtga	gtcatgcatc	tcatggcatc	tgggggcatc	taggagggtc	480
tctctgtctc	aggccctcct	attctgcgcc	tgctctcaac	tggttcctat	tttatagggtg	540
gtttctggtc	tttgtcagct	gcctgacatc	tggagactca	attaagatcc	catggtcttc	600
gagctcctgc	agctgggggc	tggggctggg	ggactggggg	tttgaaaatc	ataatagcat	660
tcattaaaaa	tgatcacaat	agcattttat	aagcatttgc	tgtgtgctag	acattgtgcc	720
acggacatct	tgtatattat	ctcatttcat	cctcaaaatc	tcctgatgtt	ctcttagana	780
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<210> 202

<211> 473

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 474976.9

<400> 202

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cccctccagc	acctctacct	gttgcccggc	gatcacagcc	ggaatgcagc	tgaaagattc	300
cctggggcct	ggttccaacc	gcccactgtg	gactctgagg	cctctgcatt	tgtgggtggg	360
ctgcctgtga	tattttggtc	atgggctggg	ctggtcgggt	tcccatttgt	ctggccagtc	420
tctatgtgtc	ttaatccctt	gtccttcatt	aaaagcaaaa	ctaaagaaaa	cag	473

<210> 203

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 898688.1

<220>

<221> unsure

<222> 590, 592, 724

<223> a, t, c, g, or other

<400> 203

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atcaaagctt	tcagtgggtt	cctgttgtct	ataaacataa	tagaaaaata	tttagtttgc	120

PA-0028 US

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tatagataac	cttgtcatct	gatctaattt	ttaaaaagtg	aatttgaata	ctgccaaact	300
aaggagtatg	tgtagtatgg	agaatttgag	aaagacaagt	atcagtaaag	aagaaacagt	360
atagtaaaac	aaaatttttt	tctgccttgg	tccattgaaa	gaaatattta	gtttcatata	420
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acttattctt	aaaaatattt	ccagaatgtc	ttacacacac	atacacttag	aaacaaatac	660
aaatatatag	tgatattctc	tcacatttta	cagagaaaag	cgtagtatac	atactttgtt	720
tttnaatttc	acagtagatc	ttagaggtct	tttaatatata	gcatactgag	aactttctca	780
tttttttcat	aat					793

<210> 204

<211> 315

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 898688.2

<220>

<221> unsure

<222> 27

<223> a, t, c, g, or other

<400> 204

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caggtgttcc	tgattttaaa	taagctgcta	tccttctgt	tatattcata	ctgcatgtta	240
tgagcaaaa	gggagagaag	tcgccaactt	tttgagagaa	aagaataaaa	tcccagactt	300
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<210> 205

<211> 1200

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 984111.1

<220>

<221> unsure

<222> 61, 1173

<223> a, t, c, g, or other

<400> 205

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agaatacttc	agtaacaatg	tgacagatga	attgaaggaa	agatgagtac	agcattagag	360
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ccatatatta	aagttagttc	acttaaaacc	tatataaaca	ttttagggtta	aaactttaat	900
gttaatcatt	tgataataat	aatatacttg	ttttaagtct	atctcttaga	tattgtagtt	960

PA-0028 US

attttaaaact tgatcacttt ctgctaatagc atactgttag tttagtccca tcacatgggt 1020
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aagaaatttg caaagggtctc agacagggga agaataagaaa agaaaaagaa tagcagtatt 1140
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<210> 206

<211> 1907

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1416548CB1

<220>

<221> unsure

<222> 2, 44-46, 50-52, 1885

<223> a, t, c, g, or other

<400> 206

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<210> 207

<211> 4282

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1385527.4

<400> 207

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PA-0028 US

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PA-0028 US

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<213> Homo sapiens

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 148793.3

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PA-0028 US

<223> Incyte ID No: 997033.1

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PA-0028 US

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<223> Incyte ID No: 336376.2

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PA-0028 US

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<222> 97

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PA-0028 US

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<212> DNA

<213> Homo sapiens

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 221823.10

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PA-0028 US

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<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 200963.26

<400> 236

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PA-0028 US

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<211> 463

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 990840.18

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PA-0028 US
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PA-0028 US

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<210> 244
<211> 2159
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 245334.1

<400> 244

PA-0028 US

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<210> 245

<211> 2099

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 411831CB1

<400> 245

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PA-0028 US

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<210> 246

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1075696.8

<400> 246

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gagctctgca	gcactcttat	ctacataagg	atgaaggtaa	tccggagtga	gcaatggagt	180
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<210> 247

<211> 2372

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1075696.1

<400> 247

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PA-0028 US

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<210> 248

<211> 571

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1328182.7

<220>

<221> unsure

<222> 545

<223> a, t, c, g, or other

<400> 248

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<210> 249

<211> 1339

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1418210CB1

<400> 249

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PA-0028 US

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<210> 250

<211> 2386

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 995929.27

<220>

<221> unsure

<222> 1907, 2297

<223> a, t, c, g, or other

<400> 250

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<213> Homo sapiens

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PA-0028 US

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gagcaaaata	catggagacg	acgcaccctc	caggatgctc	gctgggattc	ccacgcccac	540
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<210> 260

<211> 2154

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 361583.16

<220>

<221> unsure

<222> 2106, 2150

<223> a, t, c, g, or other

<400> 260

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aatacatcct	atctgccaca	catccagcgt	gagggtccctc	cagctacaag	gtgggcacca	180
tggcggagaa	gtttgactgc	cactactgca	gggatccctt	gcaggggaag	aagtatgtgc	240
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PA-0028 US

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<211> 763

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 243902.21

<400> 261

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aaggctcccc	ttcaaaaatcg	ccatccaaga	aaaagaagaa	attccgcact	ccttcttttc	720
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<210> 262

<211> 575

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 1327111.3

<400> 262

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PA-0028 US

tttggcaacc	tgtcctctgc	ctctgccatc	atgggcaacc	ccaaagtcaa	ggcacatggc	240
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<210> 263

<211> 1721

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 398670.38

<400> 263

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<210> 264

<211> 1812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 398670.33

<400> 264

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PA-0028 US

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206

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<222> 1782-1800

<223> a, t, c, g, or other

PA-0028 US

<400> 270

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<211> 2470

<212> DNA

<213> Homo sapiens

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<221> unsure

<222> 890

<223> a, t, c, g, or other

<400> 271

PA-0028 US

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PA-0028 US

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PA-0028 US

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<222> 1097, 1222, 1224
<223> a, t, c, g, or other

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

<213> Homo sapiens

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<223> Incyte ID No: 336256.10

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PA-0028 US

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<223> Incyte ID No: 1601717CB1

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PA-0028 US

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<400> 309

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PA-0028 US

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<223> Incyte ID No: 013705CB1

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<212> DNA

<213> Homo sapiens

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PA-0028 US

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25270-0459

PA-0028 US

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<223> a, t, c, g, or other

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PA-0028 US

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PA-0028 US

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PA-0028 US

<210> 319

<211> 2647

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 373272.2

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<221> unsure

<222> 2584, 2613, 2617

<223> a, t, c, g, or other

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<210> 320

<211> 906

<212> DNA

<213> Homo sapiens

PA-0028 US

<220>

<221> misc_feature

<223> Incyte ID No: 001252CB1

<400> 320

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<211> 210

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 033177.1

<400> 321

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<210> 322

<211> 1389

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 1356660CB1

<400> 322

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PA-0028 US

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<210> 323

<211> 2912

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 3146342CB1

<400> 323

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PA-0028 US

<210> 324

<211> 1510

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 040573CB1

<400> 324

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<210> 325

<211> 10400

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1383326.3

<220>

<221> unsure

<222> 6575, 6584, 6592, 6595, 9945

<223> a, t, c, g, or other

<400> 325

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260

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<211> 580

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 286187.5

PA-0028 US

<220>

<221> unsure

<222> 152, 154

<223> a, t, c, g, or other

<400> 340

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<211> 3584

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 242380.1

<220>

<221> unsure

<222> 148

<223> a, t, c, g, or other

<400> 341

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PA-0028 US

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<210> 342

<211> 829

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 1383559.7

<400> 342

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<210> 343

<211> 253

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 1327456.1

<400> 343

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PA-0028 US
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253

<210> 344
<211> 2429
<212> DNA
<213> Homo sapiens

<220>
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<223> Incyte ID No: 1468237CB1

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<211> 323
<212> DNA
<213> Homo sapiens

<220>
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PA-0028 US

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<210> 346

<211> 2107

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1095640.17

<400> 346

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<210> 347

<211> 2169

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2644884CB1

<400> 347

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<222> 1086, 1089, 1773-2110

<223> a, t, c, g, or other

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 128778CB1

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PA-0028 US

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<211> 1686

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 3507970CB1

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PA-0028 US

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PA-0028 US

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<211> 2449

<212> DNA

<213> Homo sapiens

<220>

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PA-0028 US

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PA-0028 US

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306

PA-0028 US

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PA-0028 US

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<211> 366

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<213> Homo sapiens

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<223> Incyte ID No: 070790.23

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<211> 3053

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 234671.68

<400> 376

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PA-0028 US

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<210> 377

<211> 2070

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 233496.3

<220>

<221> unsure

<222> 2038

<223> a, t, c, g, or other

<400> 377

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PA-0028 US

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<211> 3827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 391185.17

<220>

<221> unsure

<222> 1002, 3206

<223> a, t, c, g, or other

<400> 378

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PA-0028 US

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<211> 3570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1073620.16

<400> 379

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PA-0028 US

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<223> Incyte ID No: 1328695.1

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<221> unsure

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<223> a, t, c, g, or other

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<213> Homo sapiens

PA-0028 US

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PA-0028 US

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<211> 819

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 203728.1

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<211> 1782

PA-0028 US

<212> DNA

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<210> 386

<211> 289

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 478961.1

<400> 386

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ggtgagagtt tcttttgcag agactttctt gtttttttgt ttcaaacata ttcataattg 180
ttcattgcat tattcacaat agcaaagaca tggaatcaac ttaaatggcc atcaatcgca 240
gactggataa agagaatgca gtacatacat gccatggaat actagccgt 289
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<210> 387

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 205723.6

<400> 387

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PA-0028 US

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atgtaaccag ctcagctctc cctagcctgc ctctctaggt ttttcaatac atttcttgaa 120
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<210> 388

<211> 1418

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 979241.2

<400> 388

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tggcctgttt tcccttgcaa tgagcgaagc tttgtgggag aatagaggac actaataatg 180
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caccacagcc taaggacgct gccgggctcg ggccagagca gtgctggcct ggcagccctc 360
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gaaattcctc ctctttatcc ctgtaatgca ctgactaaca gaagacttac tacacattta 1380
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<210> 389

<211> 1991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 200119.1

<220>

<221> unsure

<222> 1988

<223> a, t, c, g, or other

<400> 389

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aacgcgggaga acatgtacta ctctctagag ctggccctga ccctcaacga gcacaggag 180
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```

```
<210> 390
<211> 2389
<212> DNA
<213> Homo sapiens
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<220>  
<221> unsure  
<222> 1021  
<223> a, t, c, g, or other
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319

PA-0028 US

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<210> 391

<211> 2700

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1168293.1

<220>

<221> unsure

<222> 542, 842

<223> a, t, c, g, or other

<400> 391

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<210> 392
<211> 1394
<212> DNA
<213> Homo sapiens
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<220>  
<221> unsure  
<222> 26, 65  
<223> a, t, c, g, or other
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<210> 393
<211> 507
<212> DNA
<213> Homo sapiens
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<400> 393

PA-0028 US

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<210> 394

<211> 3195

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 201572.10

<400> 394

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PA-0028 US

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<210> 395

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 232355.18

<400> 395

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cagacttaac	gttgaaattt	tcttcaggaa	ttttctagta	acccaggtct	aaagtagcta	660
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<210> 396

<211> 1973

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 244230.4

<400> 396

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PA-0028 US

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<210> 397

<211> 2599

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 2720354CB1

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<210> 398

PA-0028 US

<211> 1526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 197037.2

<400> 398

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<210> 399

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 988704.22

<400> 399

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<210> 400

<211> 708

<212> DNA

<213> Homo sapiens

988704.22

PA-0028 US

<220>

<221> misc_feature

<223> Incyte ID No: 995526.6

<220>

<221> unsure

<222> 5, 7

<223> a, t, c, g, or other

<400> 400

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<210> 401

<211> 899

<212> DNA

<213> Homo sapiens

<220>

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<220>

<221> unsure

<222> 718-769

<223> a, t, c, g, or other

<400> 401

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<210> 402

<211> 1759

<212> DNA

<213> Homo sapiens

<220>

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<220>

<221> unsure

<222> 80, 82, 84

2025-06-06 10:00:00

PA-0028 US

<223> a, t, c, g, or other

<400> 402

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<210> 403

<211> 4569

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 235482.2

<220>

<221> unsure

<222> 3426, 3429, 3673

<223> a, t, c, g, or other

<400> 403

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PA-0028 US

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<213> Homo sapiens

PA-0028 US

<220>

<221> misc_feature

<223> Incyte ID No: 1383691.1

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<211> 627

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 034306.1

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<212> DNA
<213> Homo sapiens
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330

PA-0028 US

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<211> 296

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 399998.1

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<221> unsure

<222> 104, 114, 133

<223> a, t, c, g, or other

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gtctgaagga	gctcatat	gttctaaaat	ggcaactcct	aaagtggcag	gtccctgaaa	240
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<211> 695

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 984000.1

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<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 984000.2

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actaagtgtg	acccaa	gaaaagaaag	ctggcta	aaaacacaat	tatgcgcata	180

PA-0028 US

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<212> DNA
<213> Homo sapiens

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<223> Incyte ID No: 981730.1

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PA-0028 US

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<211> 2329

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 2398075CB1

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tccagaccca	ctccccaccc	ttctcccctt	cctttgcccc	gggacgccga	actctctcaa	1980
tggtatcaac	aggctccttc	gcctctgtgc	tccctggctat	gttccattat	tggggagccc	2040
cagcagaaga	atggagagga	ggaggaggct	gagtttgggg	tattgaatcc	cccggctccc	2100
accctgcagc	atcaaggttg	ctatggactc	tcctgccggg	caactcttgc	gtaatcatga	2160
ctatctctag	gattctggca	ccacttcctt	ccctggcccc	ttaagcctag	ctgtgtatcg	2220
gcacccccac	cccactagag	tactccctct	cacttgccgt	ttccttatac	tccacccctt	2280
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<210> 417

<211> 109

<212> DNA

<213> Homo sapiens

<220>

PA-0028 US

<221> misc_feature

<223> Incyte ID No: 031914.1

<400> 417

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agggtgaaca gcatgaggct tccaacctgc atcagtagaa aatgacact 109

<210> 418

<211> 507

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 009859.1

<400> 418

ccgggacgct agagcaggcg gttcctgggc tgctccggta ggtttggcgt gcgcggggtt 60
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atttgccacc acttaggcct ttcttgcaaga attcgccata tactccttaa gggccgcgga 180
atcgagcgca ccttggtgac tggcaaacctc tcggcagatg tgcgtgcact ggtttgatgc 240
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acggatctcc ccagcctcga ctggaagctg agggacaaaa attcataaaa gcaattactc 360
tttccgggcg aggccttctag aagagcaaga agagcgatat gattacacct gcagccctat 420
aaagattgat ctgtccgtct ttcccttaca gtcgtggcct gttaaacgtt cctgtgttgt 480
tcagtgccag aatgagtgc cgtatt 507

<210> 419

<211> 664

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 228505.1

<400> 419

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gtctctctgt aaccctttcc tctctccctc cttccctcct cccctccca cccatctgct 120
ttttgtcact atagtttgaa tttcctggag tttttaaata tctttttata cagagtgaaga 180
ctgtctcaaa aaagctttat atatatattt atatatatga gtattttata tatacactat 240
attacatata tttatgtata aagctatgta tatttgcata tatatagctg atttatacat 300
ataaatagct tttagtggta cacttgagat tataacatgc gttcttgact tatcaatgtc 360
taatgtaaat tagtattttt tcctcttccc agacaatgct aaaacagttt attggatatt 420
ttagttattt ctgtatttaa aacttcacaa gacacagtac tggtgatgtt cattttgatg 480
gccacatat atgccactat cattgtgttt tatccttctg tgactttcta gggtcatttc 540
ccttccacct gaagtacccc tactattatt tccttttagag gaggtctgct gatcatctca 600
gttggtgttg tctgaaaata tttgtattta atttttattc ttaaaaaata ttttttctga 660
gtat 664

<210> 420

<211> 359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 982055.1

<400> 420

aatatattta aagctagaag gccagttact tgcatttttag ggtagtaaag aaattgacca 60
agttttatcaa aacaccattg gctatccatc ttgaaaacac aaagagtatt acaaaagtgc 120
ataaaactga caaagagccc aaggcgatc aatactttta gaaaatggag aattatgctt 180
tagaaaccac agacctgaag ttttgctact cttctttcaa aaactgtttt ccagaaatca 240
gtcttaaac actaagaaca aaatgaaatc aagcaaggca gaaccagccc caattaaaaa 300
tttgactttc agaagagtaa aaattttgtt tcacctaact ttattttttt gaaacggag 359

PA-0028 US

<210> 421
<211> 150
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 982055.2

<220>
<221> unsure
<222> 8, 15, 32, 57, 97-98, 100, 103, 133-134
<223> a, t, c, g, or other

<400> 421
tattttgnc t gaacnagact ttttgaagcc cnttctgtgc aaaatattaa ttaaaantgg 60
aacagtatgt tctccatccc tgtttttcaa actgttnntn gcngcgtgat tagggagtgca 120
tatacagact ttnntggatt tcatgttaaa 150

<210> 422
<211> 509
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 238434.7

<400> 422
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ttttgagaat ctgaatgttt tctcattcac aaaagtatcc cttctacccc tatctggcgc 120
agggctgaaa tgtcatcatt agagggttctg tcttctgggg cttacaagtt ctatgtttct 180
taaaattcgc tgattaaaaa ttttaaaaag ataggatcac acctgaaagc agtgggtccca 240
gctctgtgct gtgggacatc acagggtccta aacagtgata gagaaagggc tggggagtggt 300
cagctggaat ctctgcttcc gtctgaacat ctggacacac atgtcagaga atctttgcat 360
taaatggact gcccaatcta tttggtgatt aaatggctgt gcggtgaggg gagaaccttg 420
ggcagtcctgg agactgaggt gccatttctcg gctagagaca ccacccaaag aagagatggg 480
ctggctacta aagacaagtg tcagttgaa 509

<210> 423
<211> 441
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 038699.1

<220>
<221> unsure
<222> 42, 83, 94, 101, 119, 142, 148, 166, 170, 173, 182
<223> a, t, c, g, or other

<400> 423
gctgtcattg tttgcagaag tctatgtaga aaactcaaga gnatgtacag aaaatctttt 60
agaattaata gaggttacca ggntataaaa ttancatata nggtgcagcat caaagaggna 120
tgtaatgtta aaaaagatac cntt gatnat agaaacccaaa atgtcnggtn ctncggaatc 180
antattacgg aatatgcatg taactttaga gaaaaataac tgatatttta gcagacctca 240
ataaagatgt atttatatat aggaagattc aagcttctga agttgtcaat tctcccttta 300
ataatctata aattcagtat aatttctaata aaacttccaa caggaattta tttgcccttt 360
gtaagtggat gctgctgtgg ccacatttga agagaggctt ggcctgagga tttgctctac 420
cagataggaa gttatcttat t 441

<210> 424
<211> 176
<212> DNA

PA-0028 US

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 038699.2

<400> 424

tgaatttgat	gttaagaaag	cctattattg	tgaccttacc	tgtgtaatgc	ctcatctccc	60
atagaggag	aaaaggcatt	tgataaaatt	cattgccttt	ttttaattaa	gtaaacaccc	120
tgtatttatg	gggtatatgt	gatatttggt	acgtgcatta	aagttcattg	cttttt	176

<210> 425

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 173222.1

<220>

<221> unsure

<222> 19

<223> a, t, c, g, or other

<400> 425

cccagggtgcc	caccaaggnc	gcccagcagg	caggctttct	aggacagcag	ccctctcagc	60
tgtgccacat	aagctgtggg	caccacacgc	ttccttatcg	tgcaggcagc	aataagtaaa	120
taagatgaac	cccactcccc	acagtcccg	tgctgctaca	aattaaatgt	ttctttcttt	180
ttggcatcta	attctgttca	tatttaaaca	cagtgagtag	ggttgaaatc	agtattatat	240
agacagtttt	ggattctttt	aaaaaatag	tattatttaa	aataataaac	cccattatat	300
gctgatacat	tgcatattta	tgaaaagtaa	cttttctaaa	gccaaataaa	tagaagagtg	360
gcattgacat	aagagggctg	gcctctcagc	cgctcggggc	ctccgtccat	tacaac	416

<210> 426

<211> 367

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 173093.1

<220>

<221> unsure

<222> 65, 250

<223> a, t, c, g, or other

<400> 426

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aaganacagg	gtaacagtc	ttataaccaa	cttaggtttt	cttgtaaatt	cttggagttc	120
ttgtgtttct	aatgcaggta	taactgtaca	tgacagagct	gagaagatag	ttgaggttac	180
taagcaactc	taacaaaaga	gggtttttgc	tgagggcatt	ccatttaagt	cccaaacttt	240
actttcatan	gtgagaactg	ggttttgaag	tgtcaaagg	aagcagttag	aagcaaaatg	300
cagcagtcaa	taagcccctc	cttacttcac	gttagttggg	gccagcaaga	tagtagagag	360
gactgat						367

<210> 427

<211> 819

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 032858.1

CCSD-000001

PA-0028 US

<220>

<221> unsure

<222> 80, 100, 691

<223> a, t, c, g, or other

<400> 427

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tgtaattctg	gctccttgan	atgttgagggg	aatgattttt	ctggacattc	gaccagtgtc	120
ttctaaat	ctccactgaa	ttctatctaa	tgacagatga	gaggacactg	aaagttaggag	180
tagccataag	tcaccagtgc	aaaatgtctt	ttgaagtttg	catttattga	ttgctaccat	240
ttatgtaaag	ttttacagtt	ttgacagtca	taggggttcac	caatccacca	tagaagagaa	300
ttaagtcatg	cggacacagc	aggggtttaga	atggatgagt	agaggagtgt	gtgcaggctc	360
cagtcccaa	agtctctagg	actgtcctag	aacctgcagc	tcctctgtca	attctgtcaa	420
ctactcagga	tcctctcaag	aattatcccc	ccataccac	cttttaaatt	tcctcaagct	480
agtttcattt	gagttttgtc	acttgcaact	gaatgagccc	tgctaattga	gatagattca	540
attgagaagg	ggaattctag	gctaggagta	caagggttaca	ggcaaggaga	caggaacata	600
gcttgggatt	tcctggggca	gtgagaaaac	tgactttaaa	aaaatggaat	ggtttctaaa	660
atgtttgtac	aacttctctg	tatggcaatg	nggtaggagt	ataaattctt	tcagcttctt	720
ctgagggcag	ctgaacaaga	agtataaaaa	ttttgaatgc	tgataacatt	tgacctagca	780
attccatctc	tagaaataaa	ttctacagta	gtaatctta			819

<210> 428

<211> 1067

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 239410.10

<220>

<221> unsure

<222> 279, 282, 288, 293, 310, 554, 579

<223> a, t, c, g, or other

<400> 428

ggaaagcaca	tgtatgcttt	tatatacaca	gaaaaattct	agaatggcaa	acaagatatc	60
tttgcaatag	tttttttctg	ggaggggact	catttaaaaa	aattctccca	tattgcttgt	120
tttgttttgt	taaagacatc	catgtattcc	tacttgggtt	aagccatgat	aactaaatat	180
gattaaagtt	cagaacaata	aaaaccttag	agatgtatac	ataaatatca	cttgcttagg	240
aatttctagg	taggtactat	tttaagccct	ctacatatnt	tnnttcantc	aanccttgga	300
gcaactctan	gagggagggtg	ttatcctcta	attgcagatg	aggttgatga	agcttaaaga	360
gtaatgatgc	cttgagtcca	tcctctgggt	ccaaagccct	tgtatttaac	tgttctccct	420
tttgcatccc	tgtgctaaag	tgactttgct	ataatatcca	caaggaagaa	tttctgtgta	480
aaaattagac	ttccttgtag	gcagtctatc	agtgatatcc	aataaagact	caataatggc	540
taacaataca	aacnacacac	acaagataaa	cttctcctnt	tgtgccaggt	acttagatta	600
ggtgtagtgg	ttttcttaaa	ctgattatca	aggtaaacac	cacctcatat	atttcagcag	660
agagcagtgg	tttctctctc	cagcagtggg	agccattgaa	tcaggacaat	gccacacagt	720
tgggctttca	tgtagatag	atcactcttg	tgggtttggg	ggatggcatt	ataagagagg	780
agactggaga	caggggggct	attgtcatgc	agatttgttg	gatgtccacc	cagcattcac	840
ttttccatc	ttttgccagg	ggtacactac	acaacatcac	cagtcatttc	atagaatggc	900
aattagatta	ggcttaggtc	tgactgcct	tccttctctc	cgctctgtca	cttgccatca	960
ttgtaaagtc	tgacaactta	gtgcctttca	tgcttcaagt	atcaataaga	taggaatagt	1020
aatagatatca	cattgaatta	ttgtggaggt	ttgaacagat	gatactt		1067

<210> 429

<211> 317

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 033838.1

<220>

<221> unsure

PA-0028 US

<222> 146

<223> a, t, c, g, or other

<400> 429

caatcactat	agtatactat	tactgattca	ggtaagaatc	agtgaatact	aaaacaacta	60
tgtgaaagac	tgtcgggaaa	aaggattgtc	acagtgtcaa	aatatcattc	cacagattgc	120
ttattaatta	caaaaagaac	aaagtncctt	tacaactggg	aaatctggaa	gcactgcctt	180
aaccaagtga	tcaaaacttac	taccaccaat	gataagcaca	aattcacacc	atgtgccttc	240
taatgcaata	tactaatatg	cattcgaatg	catattctaa	tgcaataatc	catgtactat	300
gcttgatcaa	ccccggt					317

<210> 430

<211> 180

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 002171.1

<400> 430

actgcgccccg	gccagaccac	tataaaggat	aaaattatga	gttaatatat	gaattaaaaa	60
cagaacaagt	ccacactgat	ctgaaagtaa	gtgtggaggc	aggaggaaga	gaaacatctt	120
ctttagagaa	gaaagccaaa	taataaatac	ataagggatt	acagaaatag	aaaatcacca	180

<210> 431

<211> 1301

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 197849.1

<220>

<221> unsure

<222> 1253, 1281

<223> a, t, c, g, or other

<400> 431

cttcccaaat	gagctgataa	aaaactgacg	tgaggctgct	ttgccttcaa	taatacctag	60
ttttcagctg	ttccaactcg	tttccaaata	gaaattagct	ggaacacact	acagtaatct	120
caaggaaggg	aaaattaggc	cttaaaaagat	accaagaagt	cagcatggta	cccaattgaa	180
accttttgac	cttagtgagg	attcattcta	tttgcactaa	aagccttaac	ttgctgtatt	240
cagagtcctt	cttaactgtg	agtttctata	gaactttact	ttttccacta	gtgcacagag	300
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ggaaatgatt	tttactggca	gctatattcc	ctctctgttc	tatttgcttt	aacaaaggga	420
taaaacctgg	caaagtgtac	attattggag	gactcaaata	tgtatgtgac	atgtcccaac	480
tactgtccgc	taactagtta	tccaaattgt	aaagctacag	aagcccagtt	gaggggtaag	540
tgtgcctggc	tcacacagcc	tgacccctgt	cacctcggca	atgagccagt	gtggggcact	600
ggggacttct	aacccttgga	ttgctctttt	tgacctgtgc	ataccttcta	attgtaaaat	660
atatttcaga	ccgtgagtag	cttgagatct	gagcaactgt	gttaatgaag	taatagcaat	720
gggtccacagt	gaaagatgtg	ttggggtttg	caaaacaagc	attccgtcac	ctctttaata	780
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cccagttgaa	gctaaaaagc	aactatttga	atcctgtgaa	ttaatttata	agaatgttaa	960
acagcttttg	aaatacatgc	atcttatgaa	tcatagcctt	atttagcaag	atcaatgtta	1020
aagtgttgtt	atatggcaag	tatttaacac	attcacagtg	tttgtttgat	ttcaactgtg	1080
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tgtacacttt	cagaaaaata	tgtgaattta	taaagatttt	gtagatactt	ganaaaaaacc	1260
aaggaaagtt	tctggaccga	ntgataaaaa	cttcctttta	g		1301

<210> 432

<211> 633

<212> DNA

PA-0028 US

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 028772.1

<400> 432

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gttgggagca	gaaagttaat	atgaaggagt	tgctacttgt	taacagccta	gagttgagat	180
ctagaagaat	tattaccttt	ttaaatttgt	gatgaaagct	taaatccagc	atltgggaag	240
ttactctatt	ggctgaacta	ttttggagtt	tgtaagcttt	gtattagata	ttcctgattt	300
aactgaaact	aatttgccac	atagctttta	tttcatccca	gttttacttg	ttttactgtc	360
ctcaaaaact	caagacatct	gaactcaaag	gatctaagca	gtataaatta	aagcacatgt	420
tgaatcactg	tagctttctg	aggacatctg	attataatgc	ttttctttgt	ttctttgtcc	480
atactgaact	tgtctagttt	atctttgaga	aacatttgct	agtatcaaaa	atcttctgta	540
aagatttgaa	caatcttgaa	ttctccttgt	cactagccat	ctcttcccct	aaagtataat	600
aaaactgtca	ggtactaaaa	aaaaagtcga	cgc			633

<210> 433

<211> 1733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 199887.1

<400> 433

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cttaaatcct	ctactctaga	cccaaagttt	ggagagctat	attatttaat	aagttgtttg	180
tgacagcctt	gttacctttt	tcatttgatt	tgaggagaa	agactgtgat	cctgacagat	240
tccttctcat	aaaatggcct	aatgtgtatc	agtctaggac	ttctggggag	ggaacctcta	300
ccatgcattc	tgtcccagga	tgtcaaagtc	ataagaatca	gggtcccctg	aaataaaaatc	360
actgaaaaga	tatgttctgt	tatatattat	ttaaaaaatt	tatctgggtgc	caccaaagaa	420
tgacagcagt	ttctaaccac	cttcatattt	atagcatctt	atgaagatat	tgtaaggcct	480
agcatatttt	gccactgggt	ttctttgtaa	tatagggtga	aagtgagaca	tgtttgaata	540
cttttgtagt	taaatatctc	ccattctttt	tctatctctt	cttgggtctat	atttactaag	600
aattgatatt	taaaaaacag	ttcactaatg	aactctacat	attattgaac	actcacaggg	660
caatattgat	ttgggtgcta	ctagactttt	acctaacatt	agtctttctc	aatagttgtt	720
gtaaaaggata	gtattcaatc	cagtaaatat	taaagtgtat	tagtttaatg	aaggttattt	780
atatactgtc	ataccacaaa	cctatgggtg	aaagaacatc	tgcatcacc	agaatgtact	840
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acaattttta	tatttaggat	aagttattgt	ttattatatt	aatatcaaatt	ttatatattg	1440
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atatcaaaaa	ttgtgcctta	ttttaataaaa	actgttttgt	tggaatccag	ttctatatta	1620
aagtctctat	aatgttgata	tttgcttgat	tacttgttac	atcattgaat	acatacatata	1680
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<210> 434

<211> 790

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

PA-0028 US

<223> Incyte ID No: 245021.1

<220>

<221> unsure

<222> 572, 598, 619, 635

<223> a, t, c, g, or other

<400> 434

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<210> 435

<211> 1663

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 167998.1

<400> 435

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<213> Homo sapiens

PA-0028 US

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<223> Incyte ID No: 194251.1

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<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 998143.10

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CGCTG-060100T

PA-0028 US

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<211> 3239

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 241624.1

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PA-0028 US

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<222> 2849-2944

<223> a, t, c, g, or other

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<223> Incyte ID No: 407639.3

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<212> DNA

<213> Homo sapiens

PA-0028 US

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<222> 1282

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<213> Homo sapiens

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<223> Incyte ID No: 1382958.26

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355

PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<223> a, t, c, g, or other

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PA-0028 US

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<211> 1112

<212> DNA

<213> Homo sapiens

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PA-0028 US

<223> Incyte ID No: 249096.10

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<221> unsure

<222> 1010

<223> a, t, c, g, or other

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<211> 4666

<212> DNA

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<220>

<221> unsure

<222> 3780, 3782

<223> a, t, c, g, or other

<400> 465

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PA-0028 US

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 <212> DNA
 <213> Homo sapiens

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 <223> Incyte ID No: 234630.47

<400> 466

PA-0028 US

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<211> 1417

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 1307098.1

<400> 467

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<210> 468

<211> 2031

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1383454.2

<400> 468

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PA-0028 US

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<210> 469

<211> 868

<212> DNA

<213> Homo sapiens

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<223> Incyte ID No: 475203.6

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<222> 44

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<210> 470

<211> 5090

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1351536CB1

<400> 470

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PA-0028 US

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PA-0028 US

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PA-0028 US

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<212> DNA
<213> Homo sapiens
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395

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<213> Homo sapiens
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<223> Incyte ID No: 035282CB1
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377

PA-0028 US

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<211> 905

<212> DNA

<213> Homo sapiens

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<221> misc_feature

<223> Incyte ID No: 350667.7

<400> 481

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<213> Homo sapiens

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<223> Incyte ID No: 575983CB1

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PA-0028 US

taattaagtg acatgatttt tactaatgta ttactgagac tagtaaataa atttttaagg 780
caaaatagaa aaaaaaaaaa 798

<210> 483

<211> 2220

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 208212.6

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<210> 484

<211> 2717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1097750.1

<220>

<221> unsure

<222> 1603-1604

<223> a, t, c, g, or other

<400> 484

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<211> 2674
<212> DNA
<213> Homo sapiens
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PA-0028 US

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<211> 1243

<212> DNA

<213> Homo sapiens

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<221> misc_feature

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PA-0028 US

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<210> 487

<211> 2191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 246029.4

<400> 487

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<211> 1358

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1321069CB1

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PA-0028 US

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<212> DNA

<213> Homo sapiens

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<211> 1283

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<222> 90, 105

PA-0028 US

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<211> 1626

<212> DNA

<213> Homo sapiens

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PA-0028 US
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PA-0028 US

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PA-0028 US

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PA-0028 US

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<211> 2755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1382920.30

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PA-0028 US

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<211> 1685

<212> DNA

<213> Homo sapiens

<220>

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<223> Incyte ID No: 2372662CB1

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 <212> DNA
 <213> Homo sapiens

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 <221> unsure
 <222> 517, 533
 <223> a, t, c, g, or other

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 <213> Homo sapiens

<220>
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PA-0028 US

<223> Incyte ID No: 2072479CB1

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<211> 4526

<212> DNA

<213> Homo sapiens

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